

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Geoffrey B. Rhoads

COPY OF PAPERS
ORIGINALLY FILED

Art Unit 2621

Confirmation No. 4166

Application No.: 10/003,717

Filed: October 22, 2001

For: WATERMARK ENCODING USING
ARBITRARY FEATURES (as amended)CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on June 11, 2002 as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231.

Examiner:

Date: June 11, 2002

William Y. Conwell
Attorney for Applicant

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows:

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In the Title:

Rewrite the title to read --WATERMARK ENCODING USING ARBITRARY
FEATURES--

In the Claims

Add new claims as follows:

--15. Method of determining a segmentation into distinct regions of a set of coefficients representing at least part of an image in order to insert a set of watermarking signals with a predetermined cardinal, characterised in that it includes the steps of: generating a set of acceptable segmentations, calculating for each acceptable segmentation a probability of error on the detection of the watermarking signals inserted in said each acceptable segmentation, and selecting a segmentation in the set of acceptable segmentations by minimising, on all the acceptable segmentations, the

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01 FC:103 358.00 CH
02 FC:102 672.00 CH